

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled PROGRAM PRODUCT FOR AN APPLICATION PROGRAMMING INTERFACE UNIFYING MULTIPLE MECHANISMS,

the specification of which (check one)

is attached hereto

☒ was filed on 04/30/96 as United States Application Number 08/641,454
or PCT International Application Number _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including claims, as amended by any amendment referred to above. I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 CFR § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

_____ (Appl. Serial No.)	_____ (Filing Date)	_____ (Status)(patented, pending, abandoned)
_____ (Appl. Serial No.)	_____ (Filing Date)	_____ (Status)(patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Lynn L. Augspurger, Reg. No. 24,227;
Marc A. Ehrlich, Reg. No. 39,966;
Floyd A. Gonzalez, Reg. No. 26,732;
Lily Neff, Reg. No. 38,254;

Lawrence D. Cutter, Reg. No. 28,501;
Bernard M. Goldman, Reg. No. 17,959;
William A. Kinnaman, Jr., Reg. No. 27,650;
John A. Jordan, Reg. No. 24,655.

Send Correspondence to: Floyd A. Gonzalez, IBM Corporation, Intellectual Property Law, M/S P386, 522 South Road, Poughkeepsie, NY 12601-5400. Telephone: (914)433-1163

PAGE , TO COMBINED DECLARATION AND POWER
FOR SIGNATURE BY FIRST AND SUBSEQUENT INVESTORS

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of sole or first inventor: PETER RICHARD HADOVINATZ

Signature: Robert L. Babin Date: 6/27/96
Residence: 133 Sunrise Avenue, Kingston, NY 12401
Citizenship: USA
Post Office Address: same as above

Full Name of second joint inventor: MARION LEE BLOUNT

Signature: Marion Lee Blount Date: June 13, 1996
Residence: 130 Eleanor Drive, Mahopac, NY 10541
Citizenship: USA
Post Office Address: same as above

Full Name of third joint inventor: LARRY BERT BRENNER

Signature: Jerry Bert Brenner Date: 6/21/96
Residence: 8405 Vagadero Cove, Austin, TX 78759
Citizenship: USA
Post Office Address: same as above

Full Name of fourth joint inventor: TUSHAR DEEPAK CHANDRA

Signature: Tushar Deepak Chandra Date: June 13 '96
Residence: 215 Mob Hill Drive, Elmsford, NY 10523
Citizenship: India
Post Office Address: same as above

Full Name of fifth joint inventor: AJEI SARAT GOPAL

Signature: Wheeler Sarah Gentry Date: 6/13/96
Residence: 555 North Avenue, #19N, Fort Lee, NJ 07024
Citizenship: USA
Post Office Address: same as above

Full Name of sixth joint inventor: DENNIS DUANE JURGENSEN

Signature: *Thomas Duane Jurgensen* Date: 6/28/96
Residence: 142 Fairway Drive, Hurley, NY 12443
Citizenship: USA
Post Office Address: same as above

Figure 1 consists of seven subplots, labeled (a) through (g), each showing a histogram of the number of non-zero elements in the vector x for a specific value of n . The subplots are arranged vertically. The x-axis for all plots is 'Number of non-zero elements' with major ticks at 0, 20, 40, 60, 80, and 100. The y-axis is 'Frequency' with major ticks at 0, 20, 40, 60, 80, and 100. The subplots correspond to $n = 10, 20, 30, 40, 50, 60, 70$ respectively. As n increases, the distribution of non-zero elements becomes more concentrated around 50.

ED PAGE... TO COMBINED DECLARATION AND POWER ATTORNEY
FOR SIGNATURE BY FIRST AND SUBSEQUENT INVENTORS

Full Name of seventh joint inventor: MARC ADAM KAPLAN

Signature: Marc Adam Kaplan Date: 6/14/96
Residence: 14 Holly Hill Lane, Katonah, NY 10536
Citizenship: USA
Post Office Address: same as above

Full Name of eighth joint inventor: ORVILLE THEODORE KIRBY

Signature: Orville Theodore Kirby Date: 7-1-96
Residence: 32 David Drive, Pleasant Valley, NY 12569
Citizenship: USA
Post Office Address: 32 David Drive, Poughkeepsie, NY 12601

Full Name of ninth joint inventor: JOHN ARTHUR PERSHING, JR.

Signature: John Arthur Pershing, Jr. Date: 13-JUN-96
Residence: 162 Cortlandt Street, Buchanan, NY 10511
Citizenship: USA
Post Office Address: same as above

Full Name of tenth joint inventor: JOHN JOSEPH EDWARD TUREK

Signature: John Joseph Edward Turek Date: 14-6-96
Residence: 41 Gesner Avenue, South Nyack, NY
Citizenship: Canada
Post Office Address: same as above

097807-0304
706030-2048460

OCT 8 1996



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 29, 1996

PTAS



100230144A

IBM CORPOARTION
FLOYD A. GONZALEZ
INTELLECTUAL PROPERTY LAW
522 SOUTH ROAD, M/S P386
POUGHKEEPSIE, NY 12601-5400

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

J1003 U.S. PTO
09/778707
02/07/01

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/05/1996

REEL/FRAME: 8020/0307
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BADOVINATZ, P.R.

DOC DATE: 06/27/1996

ASSIGNOR:

BLOUNT, M.L.

DOC DATE: 06/13/1996

ASSIGNOR:

BRENNER L.B.

DOC DATE: 06/21/1996

ASSIGNOR:

CHANDRA T.D.

DOC DATE: 06/13/1996

ASSIGNOR:

GOPAL A.S.

DOC DATE: 06/13/1996

ASSIGNOR:

JURGENSEN, D.D.

DOC DATE: 06/26/1996

ASSIGNOR:

KAPLAN M.A.

DOC DATE: 06/14/1996

8020/0307 PAGE 2

ASSIGNOR:

KIRBY, O.T.

DOC DATE: 07/01/1996

ASSIGNOR:

PERSHING, J.A. JR.

DOC DATE: 06/13/1996

ASSIGNOR:

TUREK, J.J. E.

DOC DATE: 06/14/1996

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION
OLD ORCHARD ROAD
ARMONK, NEW YORK 10504

SERIAL NUMBER: 08641454

FILING DATE: 04/30/1996

PATENT NUMBER:

ISSUE DATE:

LAWAN FLETCHER, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

07-10-1996

RECEIVED



Form PTO-1595

JUL 05 1996

100230144

U.S. Department of Commerce

RECORDATION FORM COVER SHEET - PATENTS ONLY
RECEIPT ACTING DIV.

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

a) P. R. Badovinatz g) M. A. Kaplan
 b) M. L. Blount h) O. T. Kirby
 c) L. B. Brenner i) J. A. Pershing, Jr.
 d) T. D. Chandra j) J. J. E. Turek
 e) A. S. Gopal k) _____
 f) D. D. Jurgensen l) _____

More names attached? Y X N

2. Name and address of receiving party(ies):

Name: INTERNATIONAL BUSINESS
 MACHINES CORPORATION
 Address: Old Orchard Road
 Armonk, NY 10504

More names attached? Y X N3. Nature of Conveyance: X Assignment

4. Application number: 08/641,454 Filed: April 30, 1996
 Filed with new application: yes X no

Execution date(s):

a) June 27, 1996 g) June 14, 1996
 b) June 13, 1996 h) July 1, 1996
 c) June 21, 1996 i) June 13, 1996
 d) June 13, 1996 j) June 14, 1996
 e) June 13, 1996 k) _____
 f) June 26, 1996 l) _____

Additional numbers attached? Y X N

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Floyd A. Gonzalez
 IBM Corporation
 Intellectual Property Law
 522 South Road, M/S P386
 Poughkeepsie NY 12601-5400

6. Total # of applications and patents involved: 01

7. Total fee (37 CFR 3.41):
 \$ 40.00

8. Charge to Deposit Account
 09-0463. A duplicate copy
 is enclosed.

JS06021 07/09/96 08641454

09-0463 060 581

40.00CH

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9. Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Susan L. Nelson

Signature

July 2, 1996
DateTotal number of pages including cover sheet, attachments, and document: 2

Express Mail Label No. (if applicable): _____

Docket No.: P09-96-048

IBM Jockey No: PO9-96-048

A S S I G N M E N T

Whereas, we

- (1) Peter R. Badovinatz of Kingston
County of Ulster and State of New York
- (2) Marion L. Blount of Mahopac
County of Putnam and State of New York
- (3) Larry B. Brenner of Austin
County of Travis and State of Texas
- (4) Tushar D. Chandra of Elmsford
County of Westchester and State of New York
- (5) Ajei S. Gopal of Fort Lee
County of Bergen and State of New Jersey
- (6) Dennis D. Jurgensen of Hurley
County of Ulster and State of New York
- (7) Marc A. Kaplan of Katonah
County of Westchester and State of New York
- (8) Orvalle T. Kirby of Pleasant Valley
County of Dutchess and State of New York
- (9) John A. Pershing, Jr. of Buchanan
County of Westchester and State of New York
- (10) John Joseph Edward Turek of South Nyack
County of Rockland and State of New York

have invented certain improvements in PROGRAM PRODUCT FOR AN APPLICATION
PROGRAMMING INTERFACE UNIFYING MULTIPLE MECHANISMS

and executed a United States Patent Application therefor on

- (1) June 27, 1996. (2) June 13, 1996. (3) June 21, 1996.
(4) June 13, 1996. (5) June 13, 1996. (6) June 26, 1996.
(7) June 14, 1996. (8) July 1, 1996. (9) June 13, 1996.
(10) June 14, 1996

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patents granted upon the invention set forth in said application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed

- (1) at Poughkeepsie, NY
on June 27, 1996 Peter R. Badovinatz
Peter R. Badovinatz
- (2) at Hawthorne, N.Y.
on June 13, 1996 Marion L. Blount
Marion L. Blount
- (3) at Austin, TX
on 6/21/96 Larry B. Brenner
Larry B. Brenner
- (4) at Hawthorne, N.Y.
on June 13, 1996 Tushar Deepak Chandra
Tushar D. Chandra
- (5) at Hawthorne, N.Y.
on June 13, 1996 Ajei S. Gopal
Ajei S. Gopal
- (6) at Poughkeepsie, NY
on June 26, 1996 Dennis D. Jurgensen
Dennis D. Jurgensen
- (7) at Yorktown Heights, N.Y.
on June 14, 1996 Marc A. Kaplan
Marc A. Kaplan
- (8) at Poughkeepsie, NY
on July 1, 1996 Orvalle T. Kirby
Orvalle T. Kirby
- (9) at Hawthorne, N.Y.
on June 13, 1996 John A. Pershing, Jr.
John A. Pershing, Jr.
- (10) at Yorktown Heights, N.Y.
on June 14, 1996 John Joseph Edward Turek
John Joseph Edward Turek

Change Of Attorney Or Agent's Address In Application
(37 CFR 1.8(a))

Docket No.

PO9-96-048X

In Re Application Of: **BADOVINATZ ET AL.**

Serial No.
08/959,967

Filing Date
10/24/97

Examiner
S. Lao

Group Art Unit
2755

Invention: **PROGRAM PRODUCT FOR AN APPLICATION PROGRAMMING INTERFACE
UNIFYING MULTIPLE MECHANISMS**

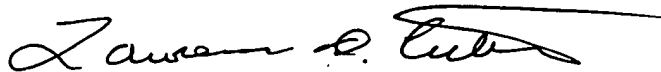
TO THE ASSISTANT COMMISSIONER FOR PATENTS

Please send all correspondence for this application to:

**HESLIN & ROTHENBERG, P.C.
5 COLUMBIA CIRCLE
ALBANY, NY 12203**

Please direct all telephone calls to:

WAYNE REINKE or BLANCHE SCHILLER (518) 452-5600



Signature of Attorney or Agent of Record

Dated: 09/15/2000

**Lawrence D. Cutter, Sr. Attorney
Reg. No. 28,501
IBM Corporation
2455 South Rd., M/S P386
Poughkeepsie, NY 12601
(845) 433-1172**

Registration Number & Address of Attorney or Agent of Record

I certify that this document is being deposited on
9-15-00 with the U.S. Postal Service as first
class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.



Signature of Person Mailing Correspondence

SUSAN L. PHELPS

Typed or Printed Name of Person Mailing Correspondence

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